
Edward Connell Gough, Jr.



Deputy Commander & Technical Director Naval Meteorology and Oceanography Command

Mr. Edward C. Gough, Jr. joined the Senior Executive Service in August 2003 when he assumed the role of Deputy Commander and Technical Director, Naval Meteorology and Oceanography Command, headquartered at Stennis Space Center, Mississippi. Mr. Gough develops and executes the Navy's operational oceanography program that includes responsibility for navigation, hydrography, meteorology, oceanography, precise time, astrometry, and environmental acoustics.

Prior to joining government service, Mr. Gough worked at the University of Washington Applied Physics Laboratory for fifteen years, where he led two departments: Environmental Systems and Signals and Systems. In addition, Mr. Gough conducted research in Arctic environmental acoustics, tactical implications of oceanographic variability, and adaptive sonar. Mr. Gough also led research in applications of computer visualization to improve understanding of ocean dynamics and variability.

While at the University of Washington, Mr. Gough held three positions with the U.S. government under the Intergovernmental Personnel Act. These included a position with the Office of Naval Research as Science Advisor to United States Pacific Command from 2002 to 2003 where he managed and coordinated the Command's technology experimentation and insertion program that featured more than a dozen Advanced Concept Technology Demonstration projects. Mr. Gough was also assigned to the Chief of Naval Operations Staff as the Technical Director of the Anti Submarine Warfare Assessment and Requirements Division from 1996 to 1998. From 1993 to 1995, Mr. Gough was assigned through the Naval Science Assistance Program as Science Advisor to the Commander of the U.S. Sixth Fleet aboard USS Belknap and USS LaSalle.

From 1977 to 1989, Mr. Gough worked as Principal Scientist at Planning Systems Incorporated. While there, his work focused on submarine sonar systems engineering, especially issues of calibration and self noise measurements, environmental acoustics, and the sonar performance implications of oceanographic variability. Mr. Gough participated in fieldwork aboard submarines, naval aircraft and at several ice camps, and led two successful expeditions to establish acoustic observatories in the Arctic.

Mr. Gough earned a Master in Applied Mathematics from the University of Virginia in 1977, and a Bachelor of Science in Ocean Engineering (Honors) from Florida Atlantic

University in 1973, where he was a Cooperative Education Student with Woods Hole Oceanographic Institution and the Smithsonian Institution at Harbor Branch.

Mr. Gough's honors include the Superior Public Service medal, an Arctic Service Ribbon, and a letter of recognition from the Chief of Naval Research.

His professional affiliations include Senior Member, Institute of Electrical and Electronics Engineers; Charter Life Member, The Oceanography Society; Member of the American Geophysical Union, and the Society and Industrial and Applied Mathematics.